

NATURAL RESOURCES CONSERVATION SERVICE
ALASKA
DOCUMENTATION CHECK LIST

PIPELINE (516)

1. Surveys and notes are in accordance with Engineering Technical Release 62 and National Engineering Manual Part 540, or USGS quadrangle sheet is identified. _____
2. Standard drawings or sheet sizes are used. _____
3. Computations for pipe size are based on number of livestock served and water flow. _____
4. Computations are made for sizing stock troughs, drains, vents, and pump and motor if needed. _____
5. Engineering job classification is shown and proper engineering approval is obtained. _____
6. Easements and rights-of-way have been obtained. _____
7. Drawings and/or special specifications show:
 - a. Plan layout and profile. _____
 - b. Material type and size for pressure class for pipe. _____
 - c. Location, size, and details for appurtenances. _____
 - d. Requirements for pump and motor if needed. _____
 - e. Method of measurement and payment if needed. _____
8. Cooperator's signature approving design and specification is obtained. _____
9. Final measurements show:
 - a. Length of lines by class of pipe and diameter. _____
 - b. Minimum cover over pipe. _____
 - c. Location, size, and type of valves, outlets, drains, vents, and other appurtenances. _____
 - d. Overflow provisions or type of automatic shut-off valve used at troughs. _____
10. Certification by technician that the work meets plans and specifications. _____
11. Pipeline is located on conservation plan map. _____